

FEDERAL AID ANNUAL RESEARCH PERFORMANCE REPORT

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF WILDLIFE CONSERVATION
PO Box 115526
Juneau, AK 99811-5526

Alaska Department of Fish and Game Wildlife Restoration Grant

Grant Number: AKW-4 Wildlife Restoration FY2015
Project Number: 4.42
Project Title: Southeast brown bear data analysis and report preparation
Project Duration: 1 July 2009–30 June 2016
Reporting Period: 1 July 2014 – 30 June 2015
Report Due Date: 1 September 2015
Principal Investigators: Rodney Flynn, Dave Gregovich, Anthony Crupi
Work Location: Southeast Alaska

I. PROGRESS ON PROJECT OBJECTIVES DURING LAST SEGMENT

OBJECTIVE 1: Analyze and prepare for publication historic data on brown bear population and habitat ecology in Southeast Alaska.

We have gathered the necessary data and begun preliminary analyses. We will plan to complete the analysis in FY16.

II. SUMMARY OF WORK COMPLETED ON JOBS IDENTIFIED IN ANNUAL PLAN THIS PERIOD

JOB/ACTIVITY 1: Gather and synthesize all historic data

We have gathered recent radio telemetry databases on brown bears from Admiralty Island, Chichagof Island, and the Southeast Alaska Mainland. These databases have been standardized with common variables added.

JOB/ACTIVITY 2: Apply constant analytical procedures to the data

We will use resource selection function (RSF) in our analysis of habitat selection.

JOB/ACTIVITY 3: Prepare manuscripts suitable for publication

We identified a need to acquire a contract editor for the project and that has been completed. No publication were completed in this report year.

III. Not applicable

IV. SIGNIFICANT DEVIATIONS AND/OR ADDITIONAL FEDERAL AID-FUNDED WORK NOT DESCRIBED ABOVE THAT WAS ACCOMPLISHED ON THIS PROJECT DURING THIS SEGMENT PERIOD

None.

V. PUBLICATIONS

None.

VI. RECOMMENDATIONS FOR THIS PROJECT

Extend the project for another year.

Prepared by: Rodney W. Flynn, Research Coordinator

Submitted by: Rodney W. Flynn, Research Coordinator

Date: 1 September 2015